L Number	Hits	Search Text	DB	Time stamp
1	3850	motoda.in. or yabuki.in. or kigawa.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:25
2	20131	"template DNA" or (template NEAR2 DNA)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:26
3	77799	"polymerase chain reaction" or PCR	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:26
4	15885	(first or second or third) NEAR2 DNA	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:27
5	161196	primer or oligonucleotide	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:27
6	738	(first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:27
7	19017	(first or second or third) NEAR2 (primer or oligonucleotide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:28
8	8722	(first or second or third) NEAR2 ("polymerase chain reaction" or PCR)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:28
9	337	"pmol/L"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:28
10	6	(motoda.in. or yabuki.in. or kigawa.in.) and ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:32
11	11574	("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:33
12	3300	(("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:33
13	390	((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:33
14	265	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:33
15	262	(((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:33

17	0	(((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and "pmol/L"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:34
16	230	((((("template DNA" or (template NEAR2 DNA)) SAME ("polymerase chain reaction" or PCR)) and ((first or second or third) NEAR2 DNA)) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA)))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and (primer or oligonucleotide)) and ((first or second or third) NEAR2 (primer or oligonucleotide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:42
18	296381	multiplex$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:35
19	2598	multiplex$ WITH ("polymerase chain reaction" or PCR)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:36
20	39692	("polymerase chain reaction" or PCR) NEAR5 amplific$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:43
21	4743	(("polymerase chain reaction" or PCR) NEAR5 amplific$) SAME ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:43
22	1904	((("polymerase chain reaction" or PCR) NEAR5 amplific$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:43
23	951	((((("polymerase chain reaction" or PCR) NEAR5 amplific$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:45
24	976	(((((("polymerase chain reaction" or PCR) NEAR5 amplific$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) @pd<=2002	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:44
25	100	(((((("polymerase chain reaction" or PCR) NEAR5 amplific$) SAME ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))) and ((first or second or third) NEAR2 ("polymerase chain reaction" or PCR))) and "PCR cloning"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:54
26	12384	(("polymerase chain reaction" or PCR) NEAR5 amplific$) and ("DNA template" or "template DNA" or "specific DNA fragments")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:52

27	7191	((("polymerase chain reaction" or PCR) NEAR5 amplific$) and ("DNA template" or "template DNA" or "specific DNA fragments")) and ((first or second or third) WITH primer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:54
28	5283	nested WITH ("polymerase chain reaction" or PCR)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:03
29	173	(nested WITH ("polymerase chain reaction" or PCR)) SAME ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 15:55
30	552	(nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:04
31	259	((nested WITH ("polymerase chain reaction" or PCR)) SAME ((first or second or third) NEAR2 (primer or oligonucleotide))) and ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:31
32	281	(1st or 2nd or 3d) NEAR2 primer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:22
33	11	((1st or 2nd or 3d) NEAR2 primer) SAME ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:22
34	1107	"two-step" NEAR2 PCR	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:32
35	259	("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:54
36	54342	"affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 16:56
37	188	("affinity tag" or "maltose binding" or "cellulose binding" or "glutathione-s-transferase" or streptavidin or biotin or "his tag" or "histidine tag") and (("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 17:09
38	3780	"6-His" or "histidine tag" or "6-his tag"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 17:09
39	60	(("two-step" NEAR2 PCR) and ("template DNA" or (template NEAR2 DNA))) and ("6-His" or "histidine tag" or "6-his tag")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 17:11
40	409	"transcription template"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 17:11
41	4	"transcription template" and ("polymerase chain reaction" or PCR) and ((first or second or third) NEAR2 DNA) and ((first or second or third) NEAR2 ("template DNA" or (template NEAR2 DNA))) and ((first or second or third) NEAR2 (primer or oligonucleotide))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 17:11

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 FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 17:20:18 ON 19 AUG 2004
L1         38306 S ENDO?/AU OR SAWASAKI?/AU OR OGASAWARA?/AU
L2         30974 S MOTODA?/AU OR YABUKI?/AU OR KIGAWA?/AU OR YOKOYAMA?/AU
L3         24311 S "TRANSCRIPTION TEMPLATE" OR "DNA TEMPLATE" OR (TEMPLATE (S) D
L4        373335 S "POLMERASE CHAIN REACTION" OR PCR
L5            21 S (1ST OR 2D OR 2ND OR 3D) (2A) PRIMER
L6            59 S (1ST OR 2D OR 2ND OR 3D) (2A) PCR
L7           658 S (TWO-STEP OR 2-STEP) (2A) PCR
L8         10143 S NESTED (2A) PCR
L9         61263 S AMPLIFICAT? (S) PCR
L10            1 S PROTEION (S) SYNTHES?
L11       314249 S PROTEIN (S) SYNTHES?
L12         6363 S L11 (S) CELL-FREE
L13           57 S L1 AND L12
L14           51 S L2 AND L12
L15            2 S L2 AND L7
L16            3 S L1 AND L7
L17       610752 S "POLYMERASE CHAIN REACTION" OR PCR
L18           11 S L8 AND L1
L19            0 S L18 AND L2
L20            3 S L12 AND L7
L21            2 DUP REM L20 (1 DUPLICATE REMOVED)
L22            6 DUP REM L18 (5 DUPLICATES REMOVED)
L23           29 DUP REM L13 (28 DUPLICATES REMOVED)
L24           25 DUP REM L14 (26 DUPLICATES REMOVED)
L25            2 DUP REM L15 (0 DUPLICATES REMOVED)
L26            1 DUP REM L16 (2 DUPLICATES REMOVED)
L27            0 S L23 AND L7
L28            0 S L24 AND L7
L29            0 S L23 AND L8
L30            0 S L24 AND L8
L31            3 S L17 AND L7 AND L12
L32            2 DUP REM L31 (1 DUPLICATE REMOVED)
L33         1216 S "AFFINITY TAG" OR "PROTEIN TAG" OR 6-HIS OR "6-HIS TAG" OR "6
L34            0 S L23 AND L33
L35            0 S L24 AND L33
L36            0 S L33 AND L17 AND L12
L37            7 S L33 AND L12
L38            3 DUP REM L37 (4 DUPLICATES REMOVED)
L39            0 S L33 AND L8
L40            0 S L33 AND L7
L41            4 S L33 AND L3
L42            3 DUP REM L41 (1 DUPLICATE REMOVED)
L43          927 S (FIRST OR SECOND OR THIRD) (3A) PRIMER
L44          907 S (FIRST OR SECOND OR THIRD) (3A) OLIGONUCLEOT?
L45            0 S L33 AND L43
L46            0 S L33 AND L44
L47            4 S L43 AND L7
L48            0 S L44 AND L7
L49            3 DUP REM L47 (1 DUPLICATE REMOVED)
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☐ 1: CAA37824. unnamed protein p...[gi:63566] SLink, Domains, Links

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LOCUS       CAA37824                 332 aa            linear   VRT 12-SEP-1993
DEFINITION  unnamed protein product [Gallus gallus].
ACCESSION   CAA37824
VERSION     CAA37824.1  GI:63566
DBSOURCE    embl locus GGLDHA, accession X53828.1
KEYWORDS    .
SOURCE      Gallus gallus (chicken)
  ORGANISM  Gallus gallus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
            Phasianinae; Gallus.
REFERENCE   1  (residues 1 to 332)
  AUTHORS   Hirota,Y., Katsumata,A. and Takeya,T.
  TITLE     Nucleotide and deduced amino acid sequences of chicken lactate
            dehydrogenase-A
  JOURNAL   Nucleic Acids Res. 18 (21), 6432 (1990)
  MEDLINE   91057138
   PUBMED   2243792
REFERENCE   2  (residues 1 to 332)
  AUTHORS   Takeya,T.
  TITLE     Direct Submission
  JOURNAL   Submitted (30-JUL-1990) Takeya T., Institute for Chemical Research,
            Kyoto University, Gokasho, Uji, Kyoto 611, Japan
FEATURES             Location/Qualifiers
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                     /cell_type="fibroblast"
                     /dev_stage="embryo"
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                     /name="unnamed protein product"
     CDS             1..332
                     /coded_by="X53828.1:60..1058"
                     /note="L-lactate dehydrogenase A-chain"
                     /db_xref="GOA:P00340"
                     /db_xref="UniProt/Swiss-Prot:P00340"
ORIGIN
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       61 emldlqhgsl flktpkiisg kdysvtahsk lvivtagarq qegesrlnlv qrnvnifkfi
      121 ipnvvkyspd ckllivsnpv diltyvawki sgfpkhrvig sgcnldsarf rhlmgerlgi
      181 hplschgwiv gehgdssvpv wsgvnvagvs lkalhpdmgt dadkehwkev hkqvvdsaye
      241 viklkgytsw aiglsvadla etimknlrrv hpistavkgm hgikddvfls vpcvlgssgi
      301 tdvvkmilkp deeekikksa dtlwgiqkel qf
//
```

NCBI results of BLAST

BLASTP 2.2.9 [May-01-2004]

Reference:
Altschul, Stephen F., Thomas L. Madden, Alejandro A. Schäffer, Jinghui Zhang, Zheng Zhang, Webb Miller, and David J. Lipman (1997), "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.

RID: 1092955641-5986-83013888818.BLASTQ4

Query=
(20 letters)

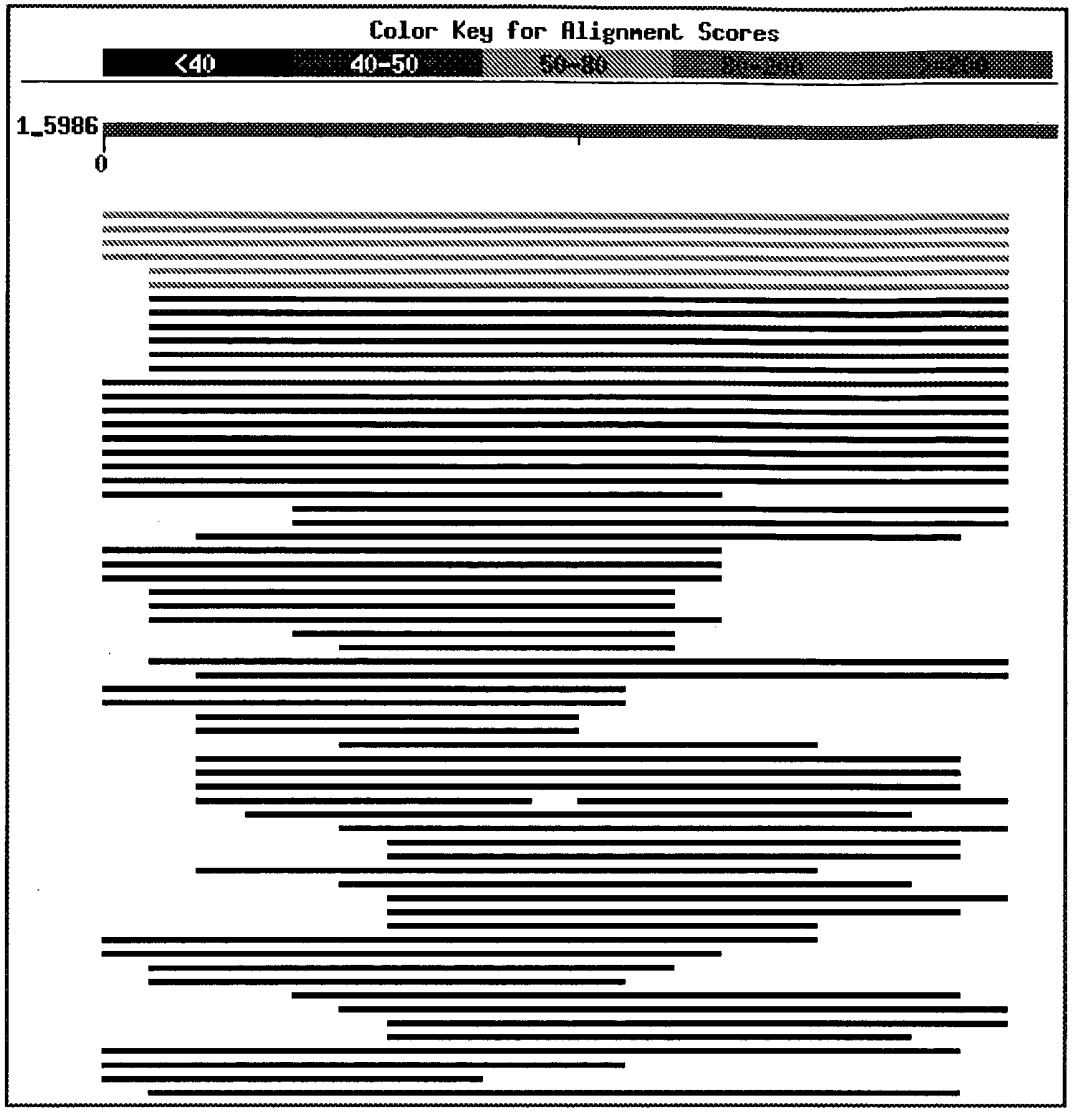
Database: All non-redundant GenBank CDS translations+PDB+SwissProt+PIR+PRF excluding environmental samples
1,990,024 sequences; 667,623,348 total letters

If you have any problems or questions with the results of this search please refer to the **BLAST FAQs**

Taxonomy reports

Distribution of 121 Blast Hits on the Query Sequence

Mouse-over to show defline and scores. Click to show alignments



Related Structures

Sequences producing significant alignments:	Score (bits)	E Value
gi|49259486|pdb|1V5S|A Chain A, Solution Structure Of Kinas...	66	9e-11
gi|63566|emb|CAA37824.1| unnamed protein product [Gallus ga...	62	2e-09
gi|65925|pir||DECHLM L-lactate dehydrogenase (EC 1.1.1.27) ...	62	2e-09
gi|17369418|sp|Q9PW07|LDHA_COLLI L-lactate dehydrogenase A ...	56	1e-07
gi|13650163|gb|AAK37570.1| L-lactate dehydrogenase A [Caima...	55	1e-07
gi|17369416|sp|Q9PW06|LDHA_ALLMI L-lactate dehydrogenase A ...	55	1e-07
gi|39545706|gb|AAR27956.1| L-lactate dehydrogenase A [Macro...	46	7e-05
gi|39545700|gb|AAR27953.1| L-lactate dehydrogenase A [Caret...	46	7e-05
gi|39545696|gb|AAR27951.1| L-lactate dehydrogenase A [Apalo...	46	7e-05
gi|13650168|gb|AAK37572.1| L-lactate dehydrogenase A [Pelod...	46	7e-05
gi|17369402|sp|Q9PT43|LDHA_TRASC L-lactate dehydrogenase A ...	46	7e-05
gi|39545704|gb|AAR27955.1| L-lactate dehydrogenase A [Chelo...	44	4e-04
gi|34555780|gb|AAN05098.1| lactate dehydrogenase A [Iguana ...	43	0.001
gi|17369829|sp|Q9W7L3|LDHA_PYTRG L-lactate dehydrogenase A ...	40	0.006
gi|17368319|sp|P79912|LDHA_SCEWO L-lactate dehydrogenase A ...	40	0.007

gi|17433149|sp|Q9W7L5|LDHA_SCEUN L-lactate dehydrogenase A ...	37	0.058	
gi|1170740|sp|P00339|LDHA_PIG L-lactate dehydrogenase A cha...	33	0.61	
gi|65924|pir||DEPGLM L-lactate dehydrogenase (EC 1.1.1.27) ...	33	0.61	
gi|443577|pdb|9LDT|B Chain B, Lactate Dehydrogenase (E.C.1....	33	0.61	S
gi|17433150|sp|Q9W7M6|LDHA_AMBME L-lactate dehydrogenase A ...	32	1.1	
gi|126050|sp|P13491|LDHA_RABIT L-lactate dehydrogenase A ch...	32	2.0	
gi|48839667|ref|ZP_00296597.1| COG1122: ABC-type cobalt tra...	30	4.8	
gi|20092815|ref|NP_618890.1| ABC transporter, ATP-binding p...	30	4.8	
gi|50549005|ref|XP_501973.1| hypothetical protein [Yarrowia...	29	16	
gi|126045|sp|P19858|LDHA_BOVIN L-lactate dehydrogenase A ch...	28	21	L
gi|27924268|gb|AAH45015.1| Ldha-prov protein [Xenopus laevi...	28	21	L
gi|47718044|gb|AAH71031.1| Ldha1 protein [Xenopus laevis] >...	28	21	L
gi|17368677|sp|Q9BE24|LDHA_MACFA L-lactate dehydrogenase A ...	28	21	
gi|7331121|gb|AAF60283.1| lactate dehydrogenase A [Ovis aries]	28	21	L
gi|23619125|ref|NP_705087.1| hypothetical protein [Plasmodi...	28	28	
gi|46228654|gb|EAK89524.1| niemann-Pick type C1 disease pro...	28	28	
gi|23475108|ref|ZP_00130398.1| COG2200: FOG: EAL domain [De...	28	28	
gi|40744267|gb|EAA63443.1| hypothetical protein AN2872.2 [A...	27	38	
gi|17369889|sp|Q9XT87|LDHA_MONDO L-lactate dehydrogenase A ...	27	38	
gi|23015470|ref|ZP_00055245.1| hypothetical protein Magn029...	27	50	
gi|33593969|ref|NP_881613.1| putative hemolysin [Bordetella...	27	50	
gi|33598277|ref|NP_885920.1| putative hemolysin [Bordetella...	27	50	
gi|45384294|ref|NP_990367.1| RGD-CAP [Gallus gallus] >gi|22...	27	50	L
gi|23478929|gb|EAA15887.1| 00806 domains.-related [Plasmodi...	27	50	
gi|23507858|ref|NP_700528.1| hypothetical protein [Plasmodi...	27	68	
gi|32455003|gb|AAP83181.1| zinc transporter [Danio rerio] >...	27	68	L
gi|26553921|ref|NP_757855.1| conserved hypothetical protein...	27	68	
gi|49902994|gb|AAH76241.1| Ke4 protein [Danio rerio]	27	68	L
gi|23112640|ref|ZP_00098099.1| COG3385: FOG: Transposase an...	27	68	
gi|23475478|ref|ZP_00130764.1| COG1122: ABC-type cobalt tra...	27	68	
gi|12585265|sp|Q9PUB8|KE4_BRARE Zinc transporter SLC39A7 ho...	27	68	L
gi|22974703|ref|ZP_00020870.1| hypothetical protein [Chloro...	27	68	
gi|17541602|ref|NP_502236.1| tyrosine 3 tryptophan activati...	26	91	L
gi|31211923|ref|XP_314946.1| ENSANGP00000024633 [Anopheles ...	26	91	
gi|46120977|ref|ZP_00173793.2| hypothetical protein Mflag02...	26	91	
gi|21107880|gb|AAM36554.1| conserved hypothetical protein [...	26	91	
gi|2653645|gb|AAB87630.1| zinc finger 30C [Drosophila melan...	26	91	L
gi|29248788|gb|EAA40314.1| GLP_464_49476_50732 [Giardia lam...	26	91	
gi|23509269|ref|NP_701936.1| hypothetical protein [Plasmodi...	26	122	
gi|23509124|ref|NP_701792.1| hypothetical protein [Plasmodi...	26	122	
gi|38094047|ref|XP_150341.2| similar to C.Elegans Homeobox ...	26	122	L
gi|38081663|ref|XP_289125.2| similar to double homeobox, 4;...	26	122	L
gi|31242085|ref|XP_321473.1| ENSANGP00000008574 [Anopheles ...	26	122	
gi|16805211|ref|NP_473239.1| hypothetical protein [Plasmodi...	26	122	
gi|50550535|ref|XP_502740.1| hypothetical protein [Yarrowia...	26	122	
gi|50287551|ref|XP_446205.1| unnamed protein product [Candi...	26	122	
gi|23011400|ref|ZP_00051769.1| COG2371: Urease accessory pr...	26	122	
gi|29339541|gb|AAO77337.1| DNA polymerase III alpha subunit...	26	122	
gi|27262346|gb|AAN87454.1| NADH dehydrogenase [Heliobacillu...	26	122	
gi|15144510|gb|AAK84477.1| putative centromere protein [Lyc...	26	122	
gi|47212765|emb|CAF93903.1| unnamed protein product [Tetrao...	26	122	
gi|12855492|dbj|BAB30355.1| unnamed protein product [Mus mu...	26	122	L
gi|23612440|ref|NP_704001.1| hypothetical protein [Plasmodi...	25	163	
gi|34870328|ref|XP_233365.2| similar to butyrophilin-like 2...	25	163	L
gi|32413120|ref|XP_327040.1| hypothetical protein [Neurospo...	25	163	

gi|15966059|ref|NP_386412.1| HYPOTHETICAL PROTEIN SMc01555 ...	25	163	
gi|50759995|ref|XP_417856.1| PREDICTED: similar to signal r...	25	163	L
gi|48833889|ref|ZP_00290905.1| COG0642: Signal transduction...	25	163	
gi|46143573|ref|ZP_00134931.2| COG4531: ABC-type Zn2+ trans...	25	163	
gi|23008517|ref|ZP_00049928.1| COG1230: Co/Zn/Cd efflux sys...	25	163	
gi|39840783|emb|CAD20832.1| sigma factor [Spinacia oleracea]	25	163	
gi|29342450|gb|AAO80216.1| holin, putative [Enterococcus fa...	25	163	
gi|42524415|ref|NP_969795.1| flagellar motor protein MotB [...	25	163	
gi|42525589|ref|NP_970687.1| RNA polymerase sigma-70 factor...	25	163	
gi|24654257|ref|NP_611159.1| CG15615-PA [Drosophila melanog...	25	163	L
gi|29250598|gb|EAA42089.1| GLP_254_27645_26050 [Giardia lam...	25	163	
gi|505184|emb|CAA54133.1| SSM4 [Saccharomyces cerevisiae]	25	219	
gi|12840105|dbj|BAB24761.1| unnamed protein product [Mus mu...	25	219	L
gi|17542606|ref|NP_503070.1| histidine-rich membrane protei...	25	219	L
gi|6322159|ref|NP_012234.1| Protein involved in mRNA turnov...	25	219	
gi|16263757|ref|NP_436549.1| HYPOTHETICAL PROTEIN SMb20006 ...	25	219	
gi|25011337|ref|NP_735732.1| Unknown [Streptococcus agalact...	25	219	
gi|28378222|ref|NP_785114.1| DNA-directed DNA polymerase I ...	25	219	
gi|24373344|ref|NP_717387.1| decaheme cytochrome c [Shewane...	25	219	
gi|37046841|gb|AAH58056.1| Hypothetical protein MGC63552 [D...	25	219	L
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gi|22534247|gb|AAN00098.1| pullulanase, putative [Streptoco...	25	219	
gi|46187708|ref|ZP_00127113.2| COG2215: ABC-type uncharacte...	25	219	
gi|12721246|gb|AAK03010.1| FimA [Pasteurella multocida subs...	25	219	
gi|33865506|ref|NP_897065.1| conserved hypothetical protein...	25	219	
gi|600018|emb|CAA86921.1| Ssm4p [Saccharomyces cerevisiae]	25	219	
gi|50403810|sp|Q9XUC4|YGJK_CAEEL Hypothetical protein T28F3...	25	219	
gi|9966436|gb|AAG10259.1| DS06238.4-like protein [Drosophil...	25	219	
gi|28375577|emb|CAD66548.1| outer membrane deca-heme cytoch...	25	219	
gi|345466|pir||JC1440 hypothetical 55K protein - yellow fev...	25	219	

Alignments

Get selected sequences | Select all | Deselect all

☐ >gi|49259486|pdb|1V5S|A Chain A, Solution Structure Of Kinase Associated Domai
Mouse MapMICROTUBULE AFFINITY-Regulating Kinase 3
Length = 126

Score = 66.0 bits (148), Expect = 9e-11
Identities = 18/20 (90%), Positives = 20/20 (100%)

```
Query: 1  MKDHLIHDVHKEEHAHAHDK 20
          MKDHLIH+VHKEEHAHAH+K
Sbjct: 1  MKDHLIHNVHKEEHAHAHNK 20
```

☐ >gi|63566|emb|CAA37824.1| L unnamed protein product [Gallus gallus]
gi|126046|sp|P00340|LDHA_CHICK L-lactate dehydrogenase A chain (LDH-A)
gi|45384208|ref|NP_990615.1| L lactate dehydrogenase A [Gallus gallus]
gi|104751|pir||S12151 L-lactate dehydrogenase (EC 1.1.1.27) chain A - chicken
Length = 332

```
 Score = 61.7 bits (138), Expect = 2e-09
 Identities = 17/20 (85%), Positives = 20/20 (100%)

Query: 1  MKDHLIHDVHKEEHAHAHDK 20
          +KDHLIH+VHKEEHAHAH+K
Sbjct: 3  LKDHLIHNVHKEEHAHAHNK 22
```

>gi|65925|pir||DECHLM L-lactate dehydrogenase (EC 1.1.1.27) chain M - chicken
Length = 331

```
 Score = 61.7 bits (138), Expect = 2e-09
 Identities = 17/20 (85%), Positives = 20/20 (100%)

Query: 1  MKDHLIHDVHKEEHAHAHDK 20
          +KDHLIH+VHKEEHAHAH+K
Sbjct: 2  LKDHLIHNVHKEEHAHAHNK 21
```

>gi|17369418|sp|Q9PW07|LDHA_COLLI L-lactate dehydrogenase A chain (LDH-A)
gi|5685867|gb|AAD46976.1| lactate dehydrogenase [Columba livia]
Length = 332

```
 Score = 55.8 bits (124), Expect = 1e-07
 Identities = 15/20 (75%), Positives = 19/20 (95%)

Query: 1  MKDHLIHDVHKEEHAHAHDK 20
          +KD LIH+VHKEEH+HAH+K
Sbjct: 3  LKDQLIHNVHKEEHSHAHNK 22
```

>gi|13650163|gb|AAK37570.1| L-lactate dehydrogenase A [Caiman crocodilus apaporj
gi|17368601|sp|Q98SL2|LDHA_CAICA L-lactate dehydrogenase A chain (LDH-A)
Length = 332

```
 Score = 55.4 bits (123), Expect = 1e-07
 Identities = 15/19 (78%), Positives = 18/19 (94%)

Query: 2  KDHLIHDVHKEEHAHAHDK 20
          K+HLIH+VHKEEH HAH+K
Sbjct: 4  KEHLIHNVHKEEHGHAHNK 22
```

>gi|17369416|sp|Q9PW06|LDHA_ALLMI L-lactate dehydrogenase A chain (LDH-A)
gi|5685869|gb|AAD46977.1| L-lactate dehydrogenase A [Alligator mississippiensis]
Length = 332

```
 Score = 55.4 bits (123), Expect = 1e-07
 Identities = 15/19 (78%), Positives = 18/19 (94%)

Query: 2  KDHLIHDVHKEEHAHAHDK 20
          K+HLIH+VHKEEH HAH+K
Sbjct: 4  KEHLIHNVHKEEHGHAHNK 22
```

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Time: 19:22:35

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